



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)	Group Art Unit:
)	
Henry Krigmont)	Examiner:
)	
Serial No.: 10/657,780)	
)	
Filed: Sept. 8, 2003)	
)	
For: MULTI-STAGE)	
COLLECTOR)	
)	

INFORMATION DISCLOSURE

Honorable Commissioner of Patents
and Trademarks

Washington D.C. 20231

Sir:

In accordance with 37 C.F.R. 1.97, please accept the attached
information disclosure statement and copies of art disclosed.

COMMENTS

It is believed that this disclosure complies with 37 C.F.R.

s. 1.56 and 1.98, and M.P.E.P. s. 2000. This disclosure statement should not be construed as a representation that a search has been made or that no other material information as defined in 37 C.F.R. 1.56(a) exists.

Respectfully submitted

By: Clifford Kraft

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450

On: DEC. 4, 2003

By: Clifford Kraft

Name: CLIFFORD KRAFT

Sheet 1 of 3FORM PTO-112
(REV. 7-00)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

SERIAL NO.

10/657,780

LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

KRIGMONT

FILING DATE

SEPT. 8, 2003

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6429165	8-02	MASTKE et al	55	524X	
	AB	6524369	2-03	KRIGMONT	95	78	
	AC	6527834	3-03	JÖRNER et al	55	524X	
	AD	5531798	7-96	ENGSTRÖM et al	48	77	
	AE	5944857	8-99	EDWARDS et al	29	25.01	
	AF	6482371	11-02	RASMUSSEN	423	1	
	AG	6482373	11-02	HANNAFORD et al	423	47	
	AH	4124359	11-78	GELLER	55	130	
	AI	6517786	2-03	BEST et al	422	186-09	
	AJ	6247301	6-01	BRÄNNSTRÖM et al	60	39.12	
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL		12-79	JP54-158770A	96	97		X
	AM							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	
	AS	

EXAMINER

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Sheet 2 of 3

FORM PTO-1449
(REV. 7-80)

DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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10/657,780

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KRIGMONT

FILING DATE

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GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5024681	6-91	CHANG	95	70	
	AB	5066313	11-91	MALLORY, SR	95	57	
	AC	5158580	10-92	CHANG	95	70	
	AD	5173098	12-92	PIPKORN	55	379	
	AE	5217511	6-93	PLAKS et al	55	334X	
	AF	5527569	6-96	HOBSON et al	55	382X	
	AG	5547493	8-96	KRIGMONT	96	54	
	AH	5547496	8-96	HARA	96	79	
	AI	5938818	8-99	MILLER	95	63	
	AJ	6152988	11-00	PLAKS et al	95	58	
	AK	6340379	1-02	PENTH et al	95	524X	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							

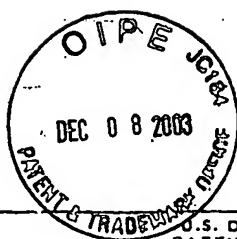
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Sheet 3 of 3FORM PTO-1449
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PATENT AND TRADEMARK OFFICE

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U.S. PATENT DOCUMENTS

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	AA	<u>1345790</u>	<u>7-20</u>	<u>LODGE</u>	<u>96</u>	<u>62</u>	
	AB	<u>1356462</u>	<u>10-20</u>	<u>NESBIT</u>	<u>96</u>	<u>87</u>	
	AC	<u>2654438</u>	<u>10-53</u>	<u>WINTERMUTE</u>	<u>96</u>	<u>62</u>	
	AD	<u>3915676</u>	<u>10-75</u>	<u>REED et al</u>	<u>55</u>	<u>432X</u>	
	AE	<u>4147522</u>	<u>4-79</u>	<u>GONAS et al</u>	<u>55</u>	<u>467X</u>	
	AF	<u>4354858</u>	<u>10-82</u>	<u>KUMAR et al</u>	<u>55</u>	<u>D165</u>	
	AG	<u>4357151</u>	<u>11-82</u>	<u>HELFRITCH et al</u>	<u>55</u>	<u>302X</u>	
	AH	<u>4375364</u>	<u>9-83</u>	<u>VAN HOESEN et al</u>	<u>96</u>	<u>87</u>	
	AI	<u>4411674</u>	<u>10-83</u>	<u>FORGAC</u>	<u>55</u>	<u>304</u>	
	AJ	<u>4874586</u>	<u>10-89</u>	<u>SZYMANSKI et al</u>	<u>55</u>	<u>380X</u>	
	AK	<u>4904283</u>	<u>2-90</u>	<u>Hovis et al</u>	<u>96</u>	<u>66</u>	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	<u>DOE/FETC/C-97/7284 RA. DENNIS</u>
	AS	<u>" U.S. DEPT. OF ENERGY'S HIGH-TEMP & HIGH PRESSURE PARTICULATE CLEANUP FOR ADVANCED COAL-BASED POWER SYSTEMS "</u>

EXAMINER

DATE CONSIDERED

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